

# Silen Plus Swimming pool



## Single-stage centrifugal pump with ESPA evopool® for water recirculation and filtering

### Applications

Recirculation and filtering of water from medium to large swimming pools.  
Very quiet-running.  
Self-priming up to 4m.

### Materials

Pump body, foot, impeller, seal mounting, diffuser, suction and discharge in technopolymer.  
Pump shaft in AISI 431.  
Espa mechanical seal.  
Motor casing in aluminium.  
O-rings in NBR.

### Motor

Asynchronous, 2 poles.  
IP 55 protection.  
Class F insulation.  
Thermal protection.  
Continuous operation.

### Equipment

Connection box V0 (self-extinguishing flame).  
2m cable (no plug).  
Metric unions included.

### Request for imperial unions

### evopool®

The Silen Plus includes a frequency inverter with a major innovation in its operation to adapt it for usage in pools: the speed variation in the swimming pool working cycles.

Silen Plus includes an ESPA pool pump and a frequency inverter with a major innovation in its operation to adapt it for usage in pools.

### evopool®

The ESPA **evopool®** control system detects the position of the sector valve and transmits it to the pump to automatically activate or deactivate the operation cycle depending on the position.



# evopool®



Silen Plus 1M

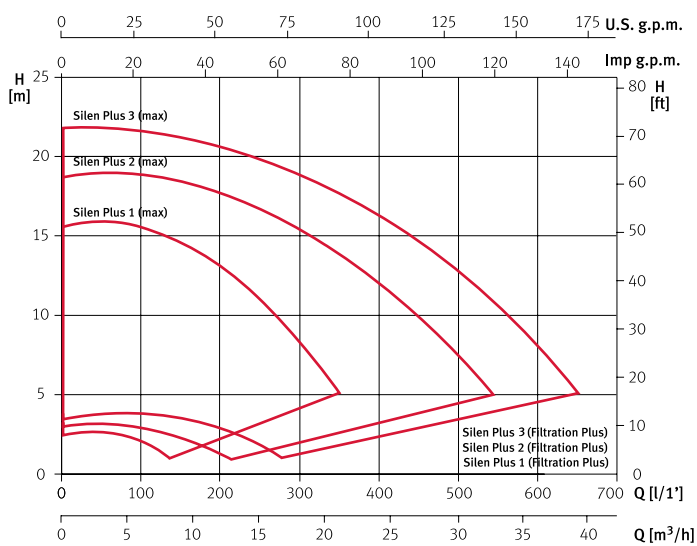


Silen Plus 3M

### Electric features

Model	Working cycle evopool®	Current [A]	Input power P1 [kW]	Motor power P2		Code
		1~ 230 V	1~	[kW]	[HP]	
Silen Plus 1M	Max	3,9	1,2	0,75	1,0	199398
	Filtration Plus	0,25	0,07			
Silen Plus 2M	Max	6,5	2,2	1,5	2,0	199399
	Filtration Plus	0,42	0,14			
Silen Plus 3M	Max	16,0	2,7	2,2	3,0	200519
	Filtration Plus	1,6	0,22			

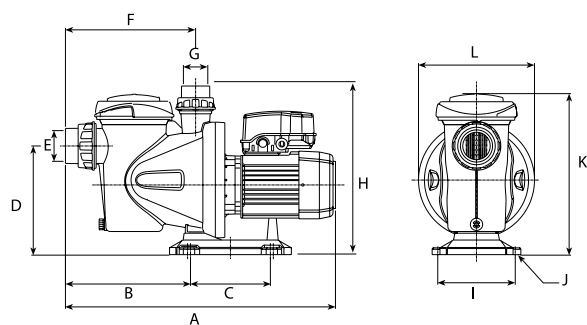
## Performance curves at 2900 rpm



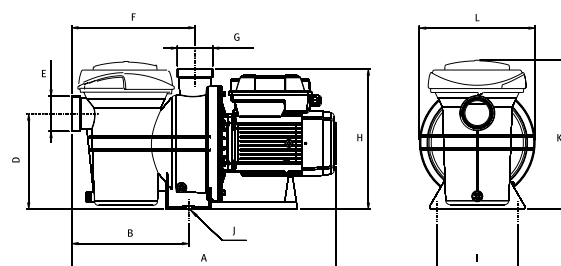
## Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
Silen Plus 1M	495	211	170	225	2 1/4"	225	2 1/4"	308	159	Ø9	319	238	11,9
Silen Plus 2M	623,5	272	-	222	2 3/4"	285	2 3/4"	326	188	Ø13	334	268	21,9
Silen Plus 3M	623,5	272	-	222	2 3/4"	285	2 3/4"	326	188	-	368	268	23,9

Silen Plus 1M



Silen Plus 2M



Silen Plus 3M

